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(21) International Application Number: PCT/US98/18531 (22) International Filing Date: 3 September 1998 (03.09.98) (30) Priority Data: 60/057,929 4 September 1997 (04.09.97) US (63) Related by Continuation (CON) or Continuation-in-Part (CIP) to Earlier Application US 60/057,929 (CIP) Filed on 4 September 1997 (04.09.97) (71) Applicant (for all designated States except US): STANFORD UNIVERSITY [US/US]; Office of Technology Licensing, Suite 350, 900 Welch Road, Palo Alto, CA 94304-1850 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): SPUDICH, James, A. [US/US]; 3035 Country Club Court, Palo Alto, CA 94304 (US). NOCK, Steffen [DE/DE]; Freiburger Strasse 3, D-76337 Waldronn 1 (DE). WAGNER, Peter [DE/DE]; Borsigstrasse 4, D-74081 Heilbronn (DE).	(74) Agents: HUNTER, Tom et al.; Townsend and Townsend and Crew LLP, 8th floor, Two Embarcadero Center, San Francisco, CA 94111-3834 (US). (81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>	
(54) Title: REVERSIBLE IMMOBILIZATION OF ARGININE-TAGGED MOIETIES ON A SILICATE SURFACE (57) Abstract <p>This invention provides materials and methods for the site specific attachment of virtually any moiety to a layered silicate surface. The methods involve covalently attaching the moiety to an arginine tag; and contacting the arginine tag with the layered silicate (e.g., mica) surface.</p>		